PATENT COOPERATION TREATY

PCT

TRANSLATION INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference JHTK-62-PCT	FOR FURTHER ACTION	See Form PCT/IPEA/416							
International application No. PCT/JP2004/000301	International filing date (day/month	/year) Priority date (day/month/year)							
International Patent Classification (IPC) or national classification and IPC H01M4/02, 4/58, 10/40									
Applicant HITACHI CHEMICAL CO., LTD.									
1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.									
2. This REPORT consists of a total of	3 shee	ts, including this cover sheet.							
3. This report is also accompanied by	ANNEXES, comprising:								
a. (sent to the applicant an	d to the International Bureau) a total (of 3 sheets, as follows:							
sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).									
sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.									
	l Bureau only) a total of (indicate type	and number of electronic carrier(s))							
		, containing a sequence listing and/or tables							
related thereto, in comput Section 802 of the Admini	•	the Supplemental Box Relating to Sequence Listing (see							
This report contains indications rela	ting to the following items:								
Box No. I Basis of th	ne report	port							
Box No. II Priority									
Box No. III Non-estab	lishment of opinion with regard to nov	elty, inventive step and industrial applicability							
Box No. IV Lack of u	nity of invention								
DON TIOL Y									
Box No. VI Certain do	Box No. VI Certain documents cited								
Box No. VII Certain de	Box No. VII Certain defects in the international application								
Box No. VIII Certain observations on the international application									
Date of submission of the demand	Date of comp	eletion of this report							
Name and mailing address of the IPEA/JP	Authorized o	Authorized officer							
Facsimile No.	Telephone N	0.							

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2004/000301

Вох	No. I		Basis of the report						
1.			to the language, this report is based on the internation ler this item.	onal application in the language in which i	t was filed, unless otherwise				
			port is based on translations from the original langua is the language of a translation furnished for the purp	·	,				
		ii ii	nternational search (Rule 12.3 and 23.1(b))						
		р	ublication of the international application (Rule 12.4	(·)					
		i	nternational preliminary examination (Rule 55.2 and	/or 55.3)					
2.		h regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the viving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to							
		•	rnational application as originally filed/furnished						
	\boxtimes		cription:						
		pages	1–23		as originally filed/furnished				
		pages*							
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		the clai			11 61 1/6 . 1				
		nos.		1.16 . 4 . 11	as originally filed/furnished				
		nos.*	1,6-14						
		nos.*							
		nos.*		received by this Authority on					
	\boxtimes	the drav	wings:						
		sheets	1		as originally filed/furnished				
		sheets*		received by this Authority on					
		sheets*	·	received by this Authority on					
		a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.							
3.	\boxtimes	The am	nendments have resulted in the cancellation of:						
			ne description, pages						
		⊠ tl	ne claims, nos. 3-5						
		tl	the drawings, sheets/figs						
		☐ tl	ne sequence listing (specify):						
		Па	ny table(s) related to sequence listing (specify):						
4.			port has been established as if (some of) the amend we been considered to go beyond the disclosure as fi						
		☐ tl	ne description, pages						
			ne claims, nos.						
			he drawings, sheets/figs						
		Па							
*	If ite	т 4 аррі	lies, some or all of those sheets may be marked "sup	erseded."					

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

PCT/JP2004/000301

Box		ed statemen is and expla					gard to novelty, inventive step or industrial applicability; ement	
1.	Statement							
	Novelty (N)		Claims	1,	2,	6-	-14	_ YES
	Inventive step (IS))	Claims	1,	2,	6-	-14	YES
	Industrial applicab	oility (IA)	Claime	1.	2.	6-	-14	VES
2.	Citations and explana							
	List of ci					_		
	Document 1						(Samsung SDI Kabushiki	
	_		sha),			_		
	Document 2				307	A	(GS Melcotec Co., Ltd.), 21	
			ne 200					
	Document 3						itachi Chemical Co., Ltd.),	
			Augus					
	Document 4						itachi Chemical Co., Ltd.),	
			Septem					
	Document 5						tsushita Electric Industrial	
							vember 1993	
	Document 6				548	Α	(Toshiba Corporation), 9	
		_	gust 2					
	Document 7					(H	itachi Maxell, Ltd.), 19	
		Oct	ober	199	9			
	Document 8	3: JP	2000-2	2604	179	A	(Toyota Central R&D Labs.,	
		Inc	c.), 2	2 S	ept	em]	ber 2000	
	(Explanati	on)						
	The i	nvent	ions s	set	for	rth	in claims 1, 2 and 6 to 14	
	are not disclosed in any of the documents cited in the						he documents cited in the	
	internatio	onal s	earch	rep	ort	-,	and would not be obvious to	
	a person s	skille	d in t	he	art			